

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142450.D
 Acq On : 19 May 2025 14:35
 Operator : RC/JU
 Sample : Q2032-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 15:02:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

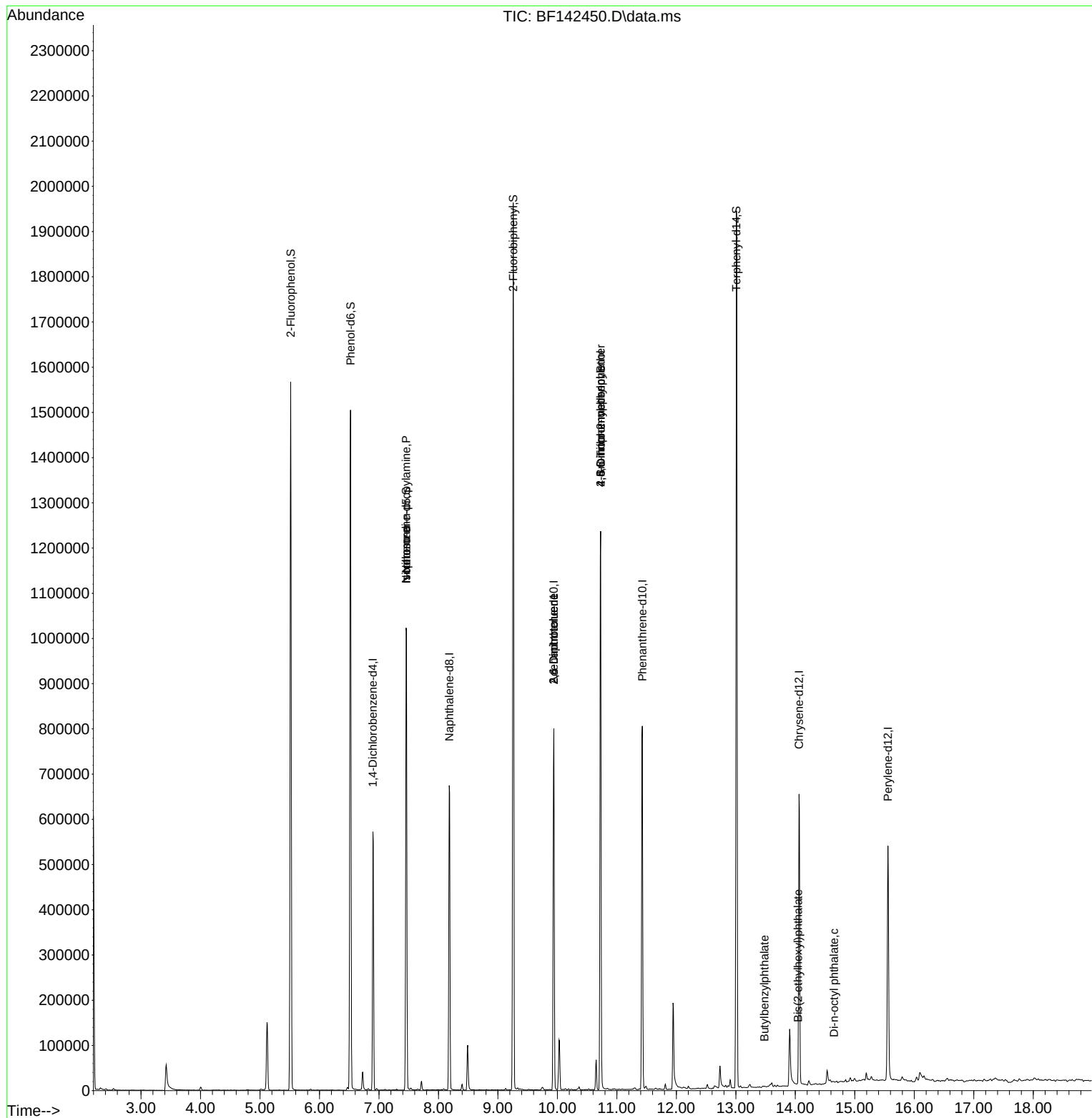
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	127525	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	447596	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	242643	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	434004	20.000	ng	0.00
76) Chrysene-d12	14.063	240	324890	20.000	ng	0.00
86) Perylene-d12	15.557	264	309632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	599807	80.291	ng	0.00
7) Phenol-d6	6.522	99	717563	78.098	ng	0.00
23) Nitrobenzene-d5	7.457	82	452702	61.683	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	225712	96.348	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	875746	51.463	ng	0.00
79) Terphenyl-d14	13.010	244	955320	43.522	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	60379	10.624	ng	# 76
25) Isophorone	7.457	82	449195	32.321	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	31120	10.671	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	31120	8.319	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	377	7.344	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	14243	2.896	ng	# 1
80) Butylbenzylphthalate	13.480	149	139	3.674	ng	# 73
84) Bis(2-ethylhexyl)phtha...	14.045	149	648	4.291	ng	# 52
85) Di-n-octyl phthalate	14.651	149	522	7.862	ng	# 73

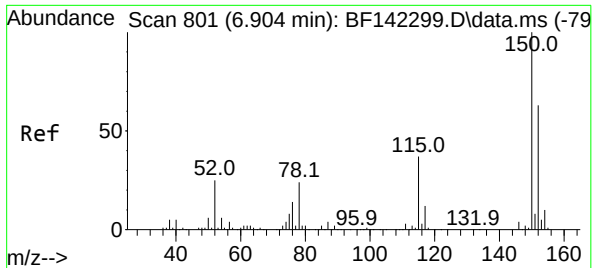
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

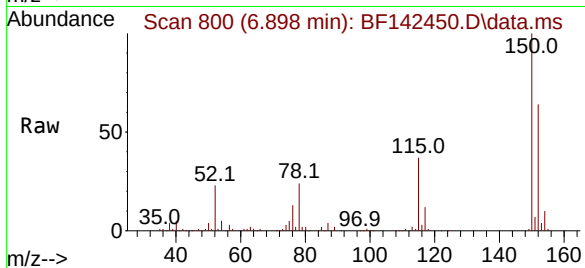
Quant Time: May 19 15:02:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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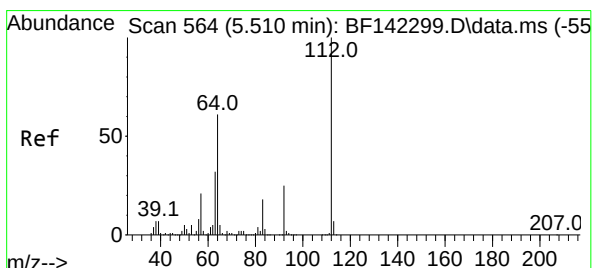
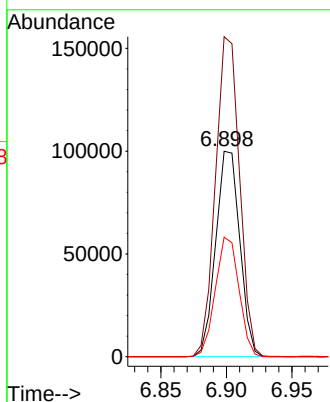
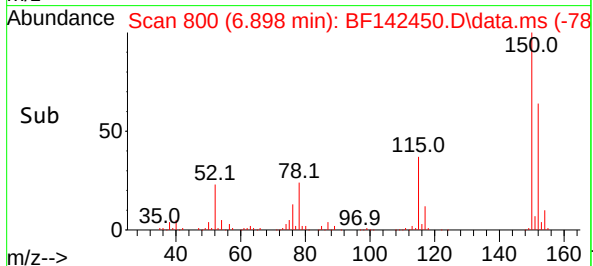


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35

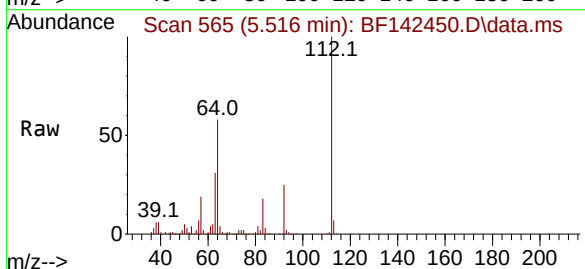
Instrument :
 BNA_F
 ClientSampleId :



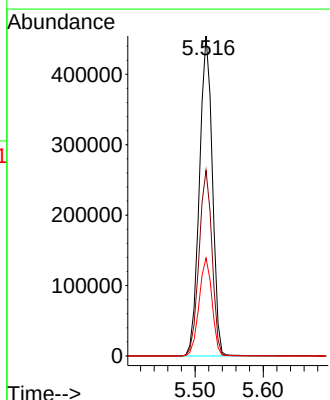
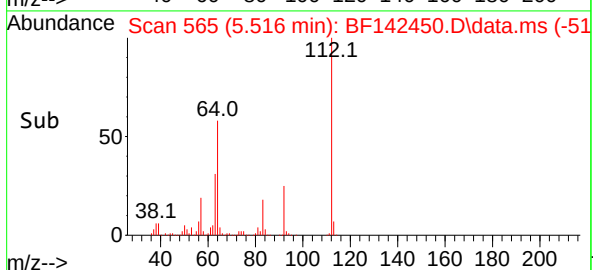
Tgt Ion:152 Resp: 127525
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.6 190.0
 115 58.2 47.3 70.9

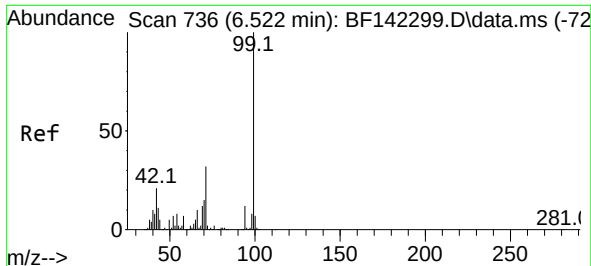


#5
 2-Fluorophenol
 Concen: 80.291 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35



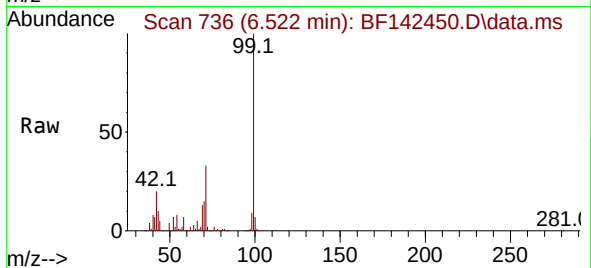
Tgt Ion:112 Resp: 599807
 Ion Ratio Lower Upper
 112 100
 64 58.0 48.9 73.3
 63 30.6 25.6 38.4



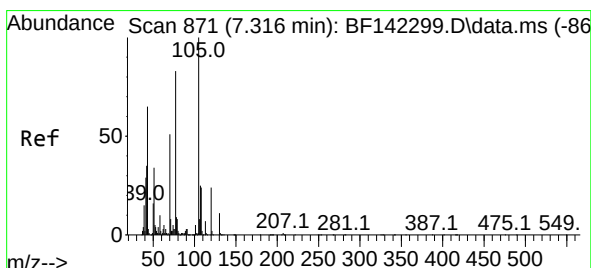
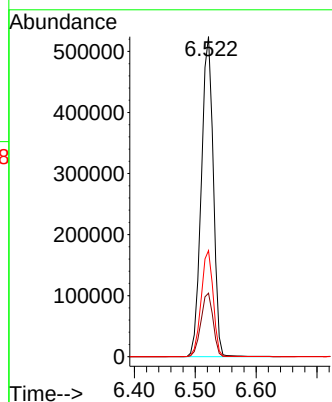
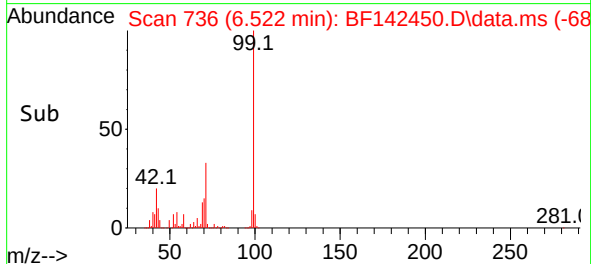


#7
Phenol-d6
Concen: 78.098 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

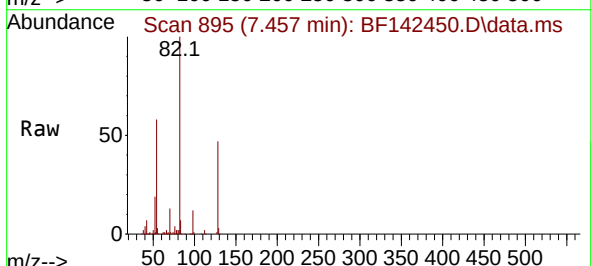
Instrument :
BNA_F
ClientSampleId :



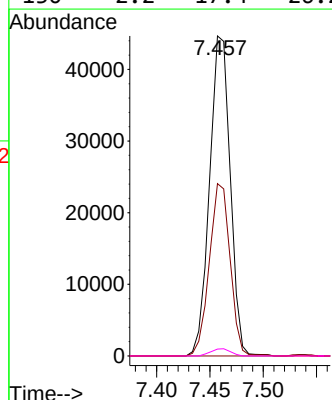
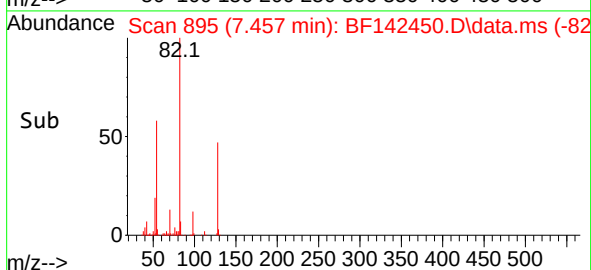
Tgt Ion: 99 Resp: 717563
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 33.2 25.8 38.8

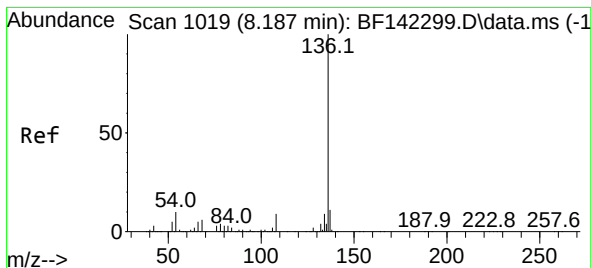


#19
n-Nitroso-di-n-propylamine
Concen: 10.624 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35



Tgt Ion: 70 Resp: 60379
Ion Ratio Lower Upper
70 100
42 53.9 54.8 82.2#
101 0.0 7.7 11.5#
130 2.2 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142450.D

Acq: 19 May 2025 14:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 447596

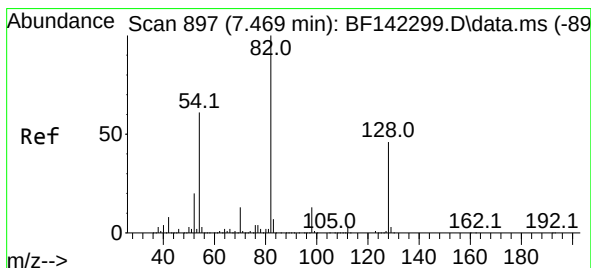
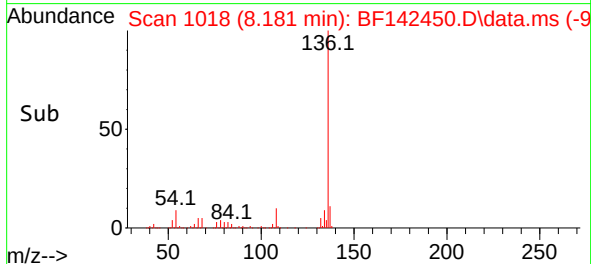
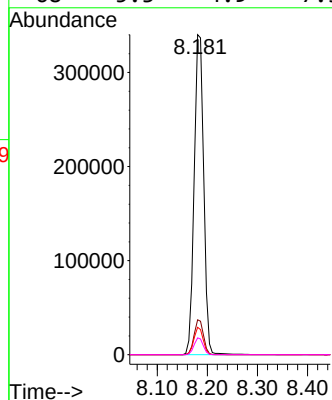
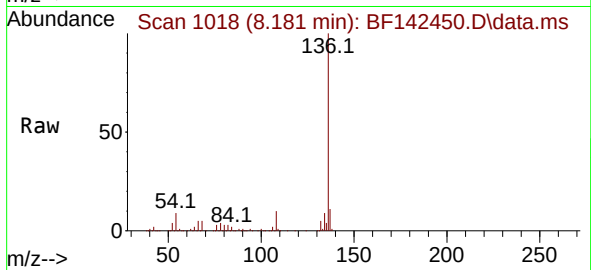
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.5 7.7 11.5

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 61.683 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142450.D

Acq: 19 May 2025 14:35

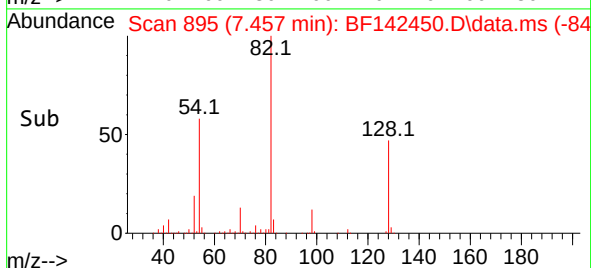
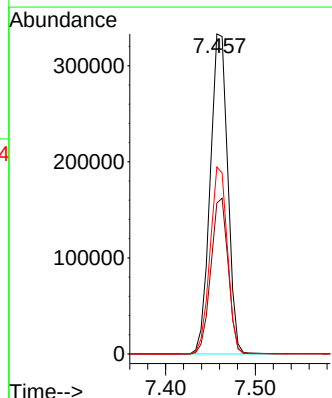
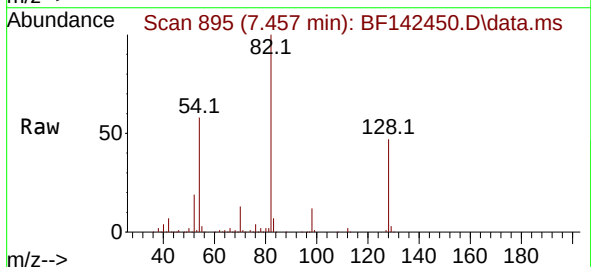
Tgt Ion: 82 Resp: 452702

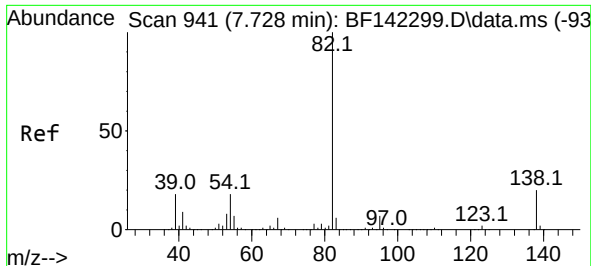
Ion Ratio Lower Upper

82 100

128 47.2 37.0 55.6

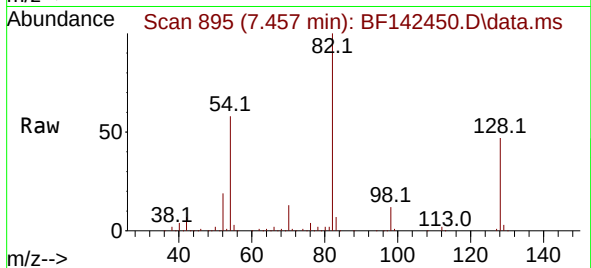
54 58.4 48.6 73.0



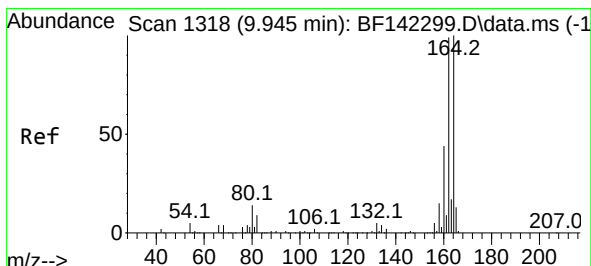
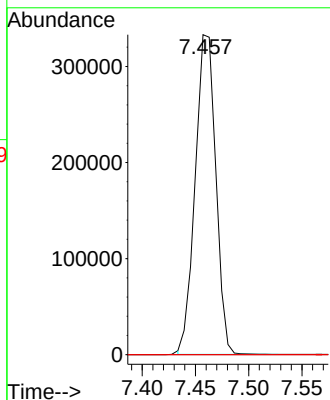
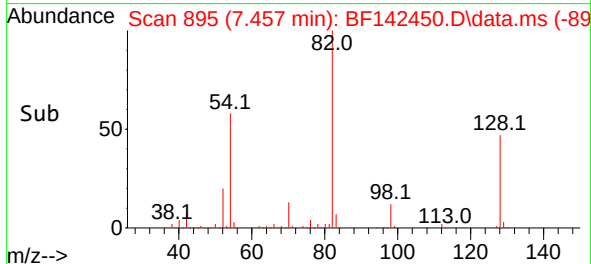


#25
Isophorone
Concen: 32.321 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

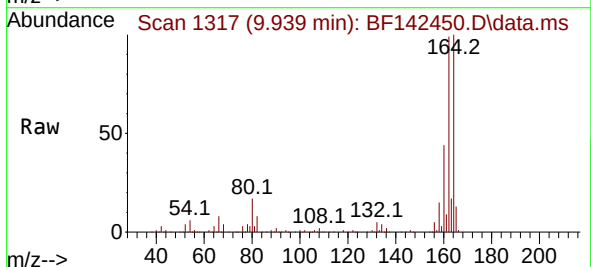
Instrument :
BNA_F
ClientSampleId :



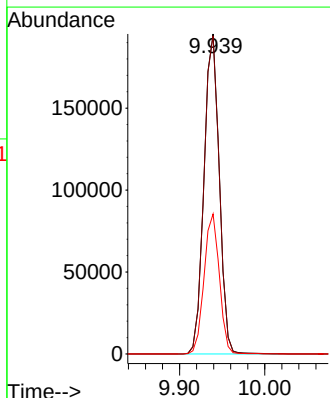
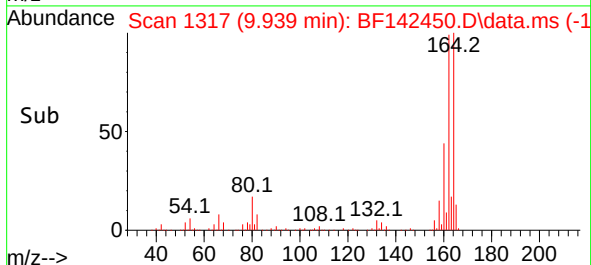
Tgt Ion: 82 Resp: 449195
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#

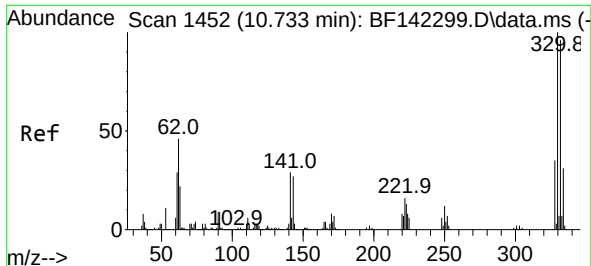


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35



Tgt Ion: 164 Resp: 242643
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 43.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 96.348 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

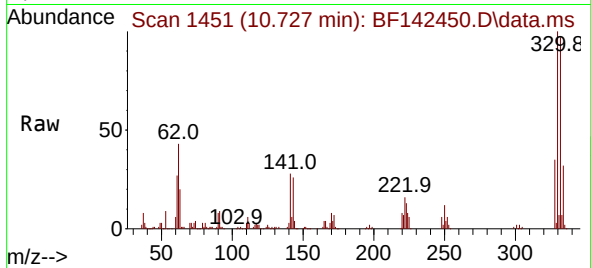
Lab File: BF142450.D

Acq: 19 May 2025 14:35

Instrument :

BNA_F

ClientSampleId :



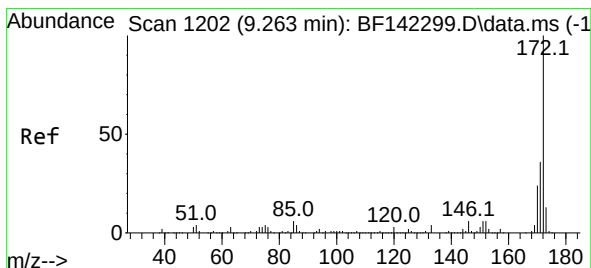
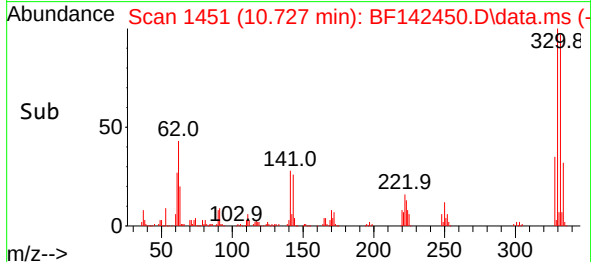
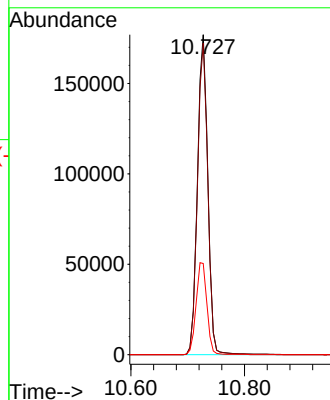
Tgt Ion:330 Resp: 225712

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 30.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 51.463 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142450.D

Acq: 19 May 2025 14:35

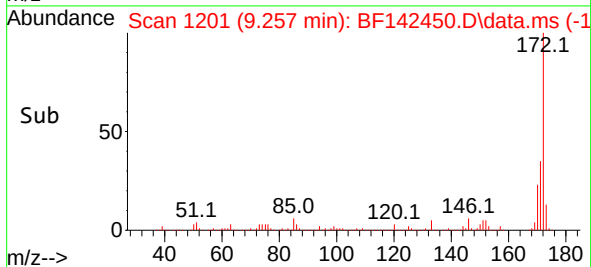
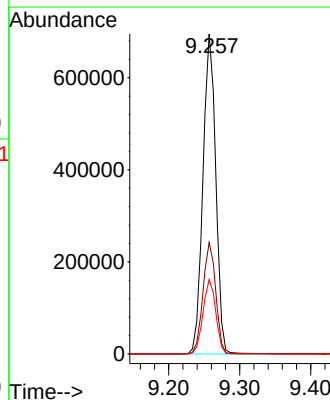
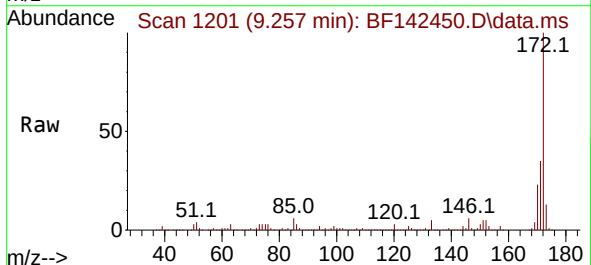
Tgt Ion:172 Resp: 875746

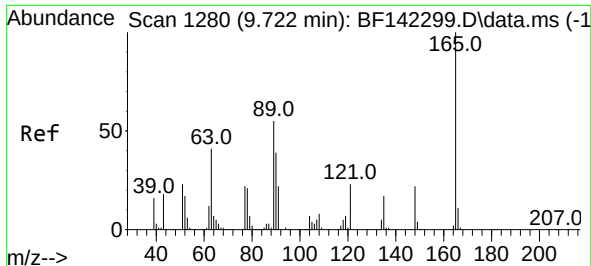
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

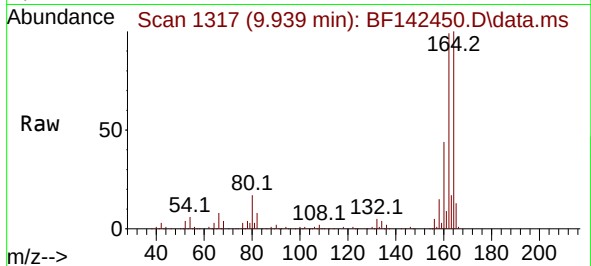
170 23.3 19.0 28.4



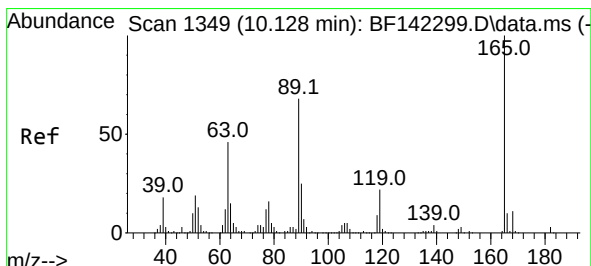
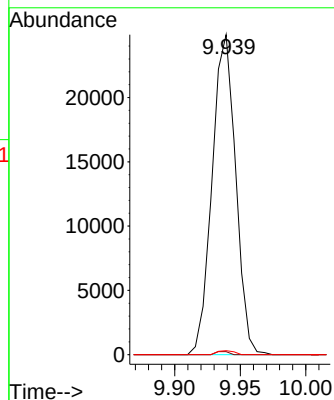
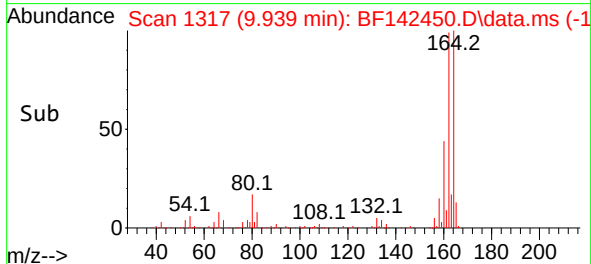


#51
2,6-Dinitrotoluene
Concen: 10.671 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.217 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

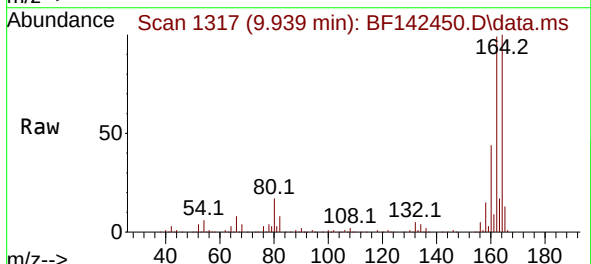
Instrument :
BNA_F
ClientSampleId :



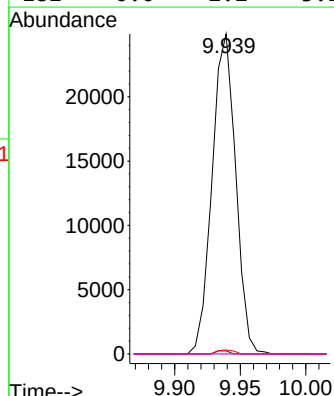
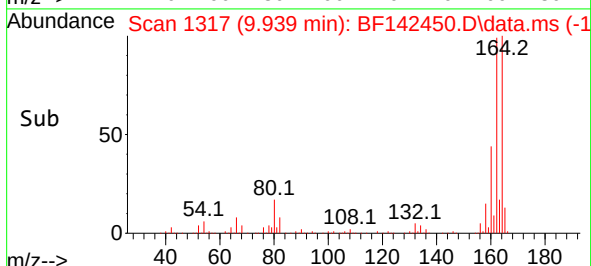
Tgt Ion:165 Resp: 31120
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.2 44.6 66.8#

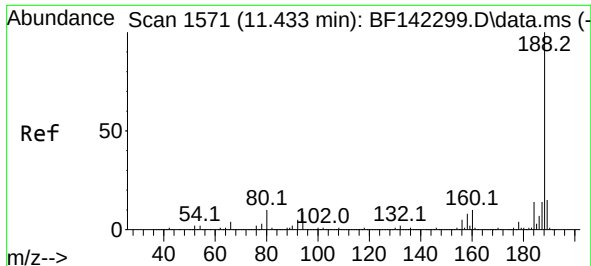


#57
2,4-Dinitrotoluene
Concen: 8.319 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35



Tgt Ion:165 Resp: 31120
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.2 54.4 81.6#
182 0.0 2.2 3.2#

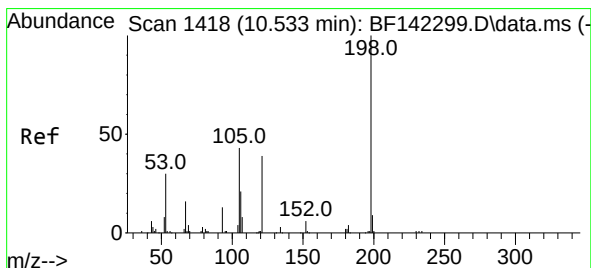
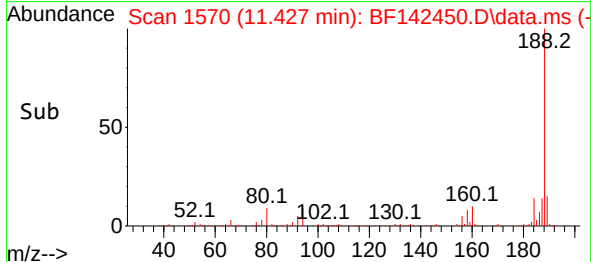
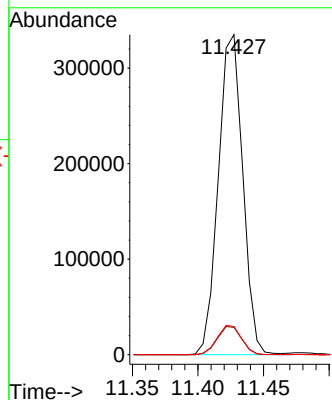
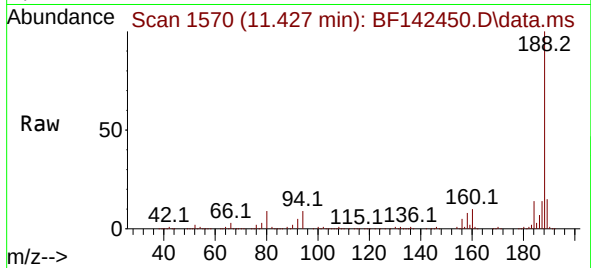




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

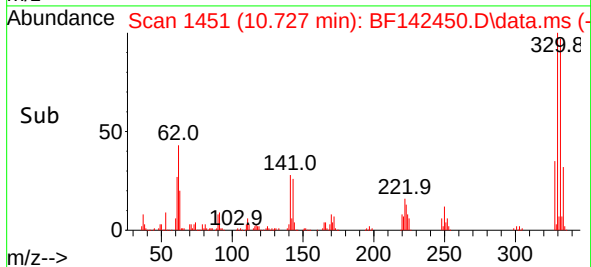
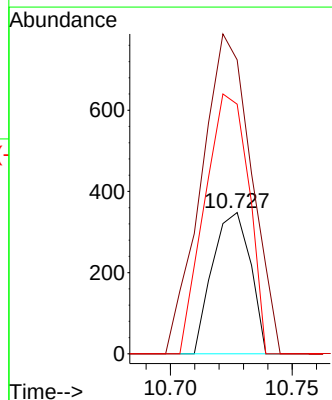
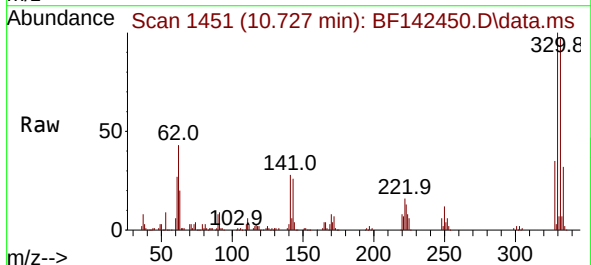
Instrument :
BNA_F
ClientSampleId :

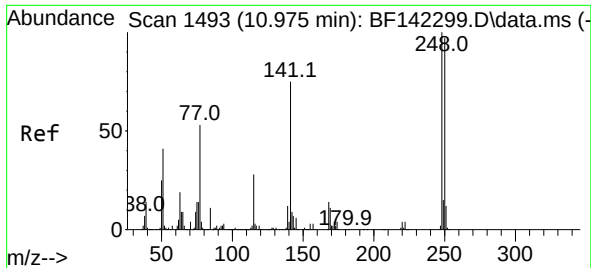
Tgt Ion:188 Resp: 434004
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.344 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.194 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

Tgt Ion:198 Resp: 377
Ion Ratio Lower Upper
198 100
51 208.0 32.9 72.9#
105 176.7 23.7 63.7#

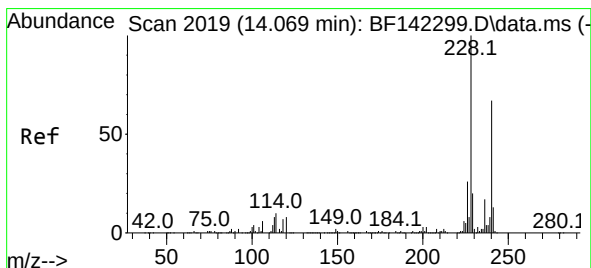
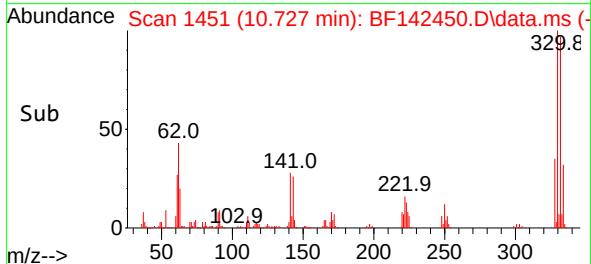
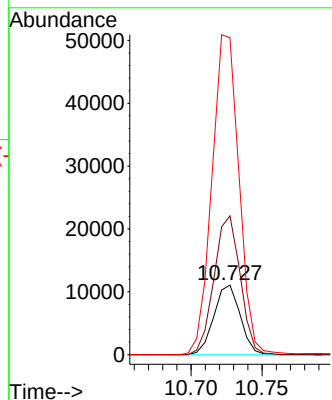
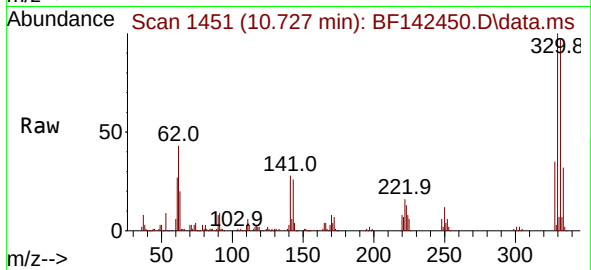




#67
4-Bromophenyl-phenylether
Concen: 2.896 ng
RT: 10.727 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

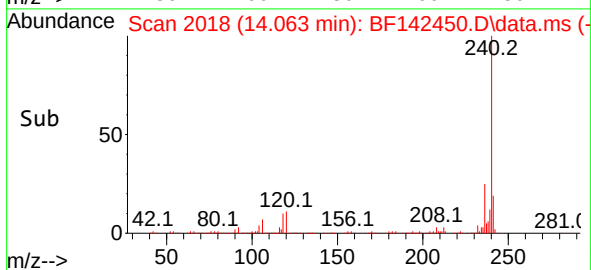
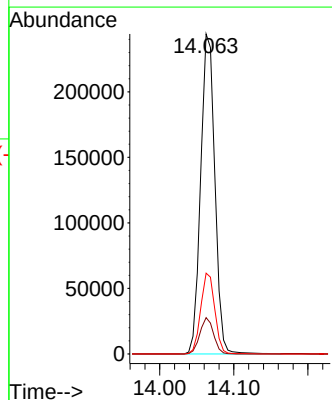
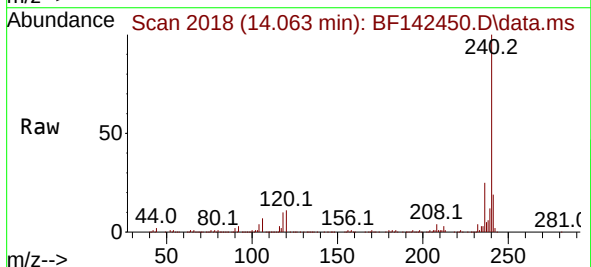
Instrument :
BNA_F
ClientSampleId :

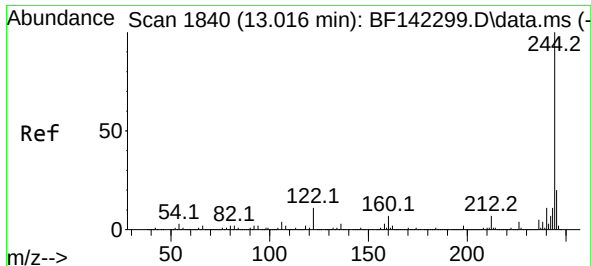
Tgt Ion:248 Resp: 14243
Ion Ratio Lower Upper
248 100
250 199.4 77.9 116.9#
141 455.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

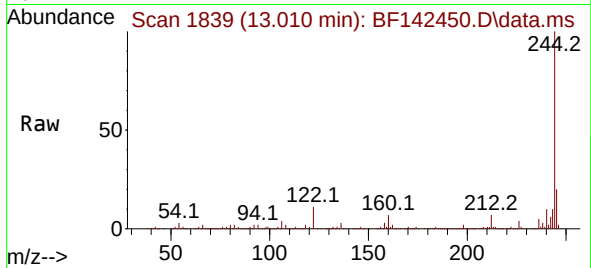
Tgt Ion:240 Resp: 324890
Ion Ratio Lower Upper
240 100
120 11.3 9.7 14.5
236 25.2 20.0 30.0



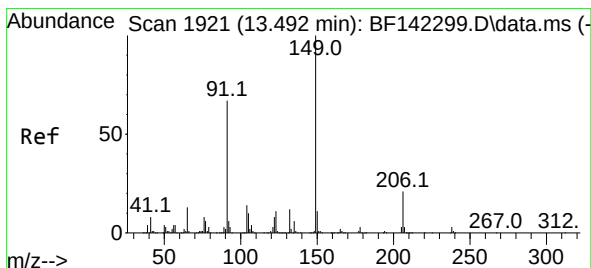
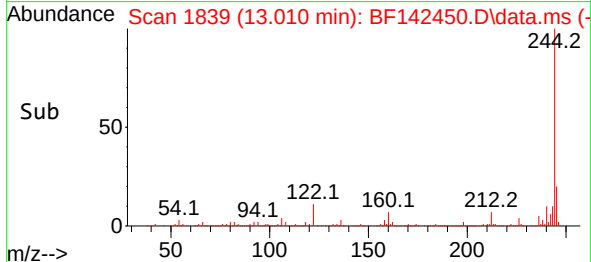
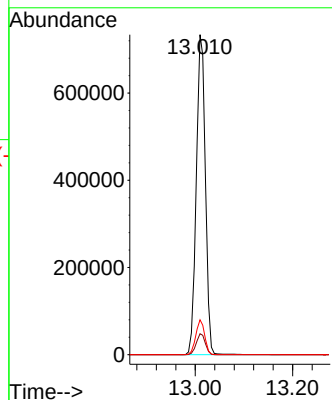


#79
 Terphenyl-d14
 Concen: 43.522 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35

Instrument :
 BNA_F
 ClientSampleId :

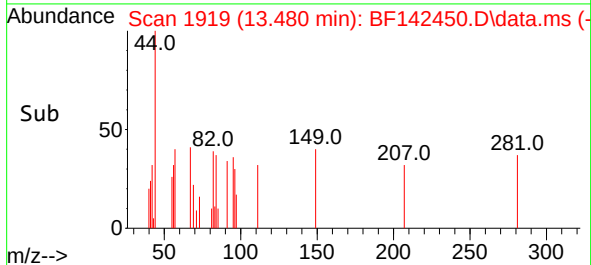
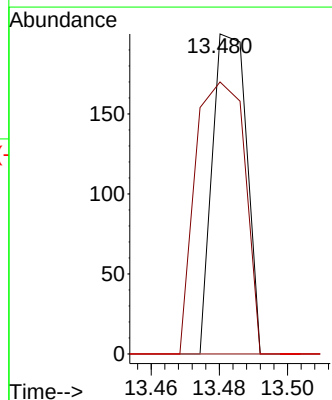
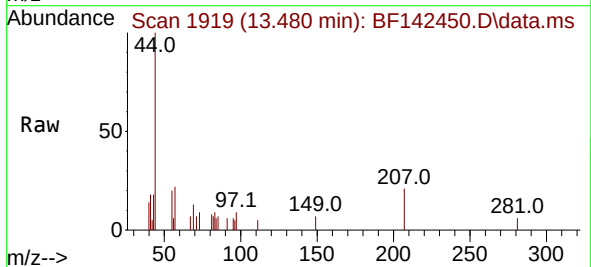


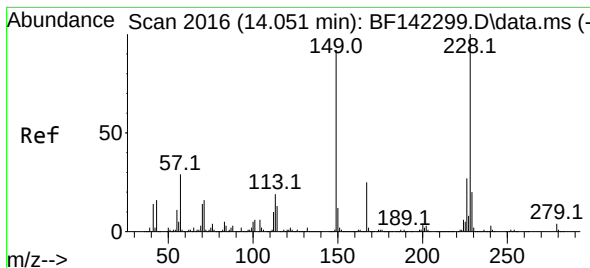
Tgt Ion:244 Resp: 955320
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.674 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35

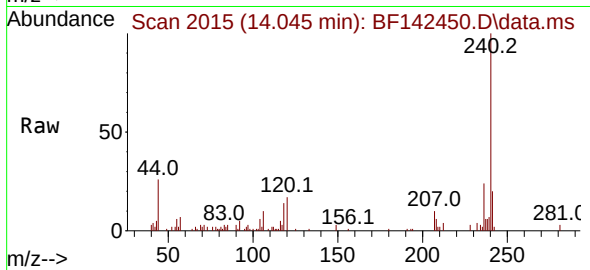
Tgt Ion:149 Resp: 139
 Ion Ratio Lower Upper
 149 100
 91 85.0 53.8 80.6#
 206 0.0 16.6 24.8#



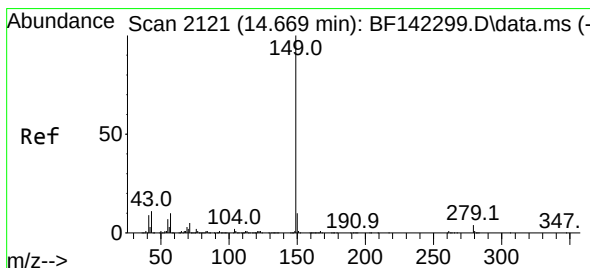
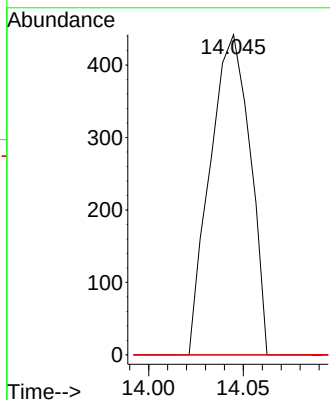
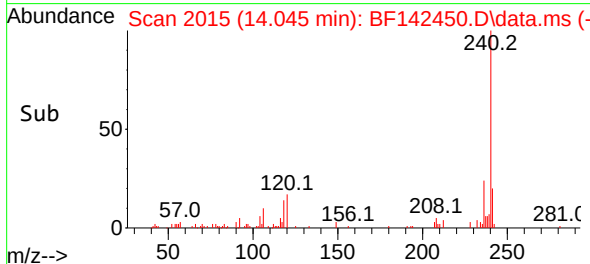


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.291 ng
 RT: 14.045 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35

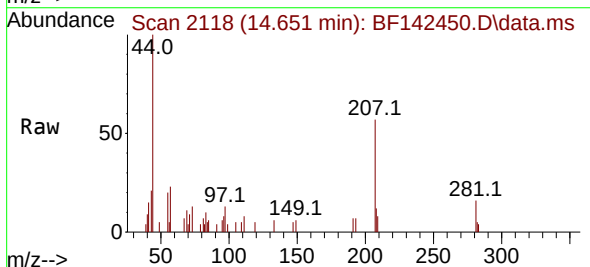
Instrument :
 BNA_F
 ClientSampleId :



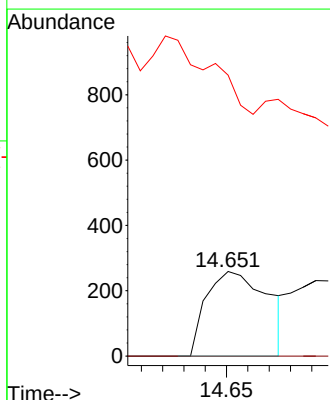
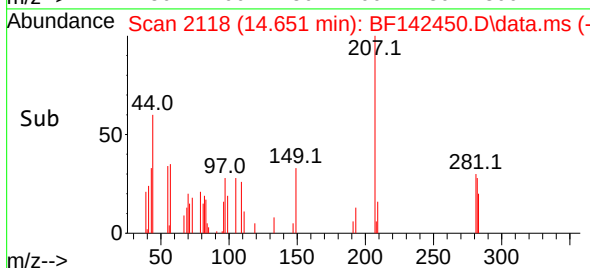
Tgt Ion:149 Resp: 648
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.0 33.0#
 279 0.0 3.0 4.6#

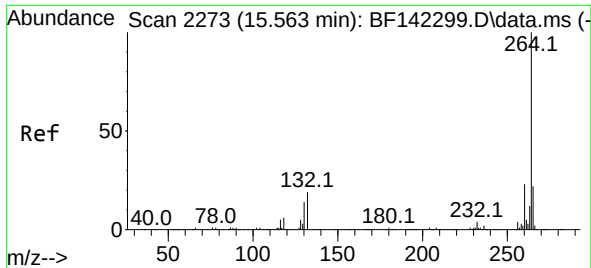


#85
 Di-n-octyl phthalate
 Concen: 7.862 ng
 RT: 14.651 min Scan# 2118
 Delta R.T. -0.018 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35



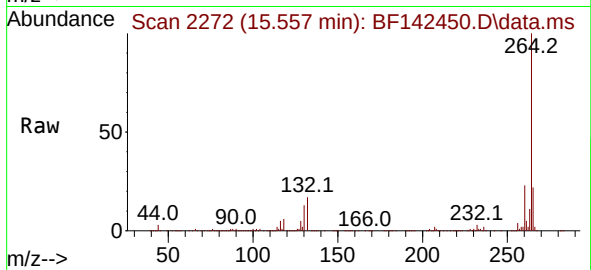
Tgt Ion:149 Resp: 522
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 0.0 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 309632
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.9 17.5 26.3

